RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/551,833_

Source: _IFWP_

Date Processed by STIC: _8/21/06_

ENTERED

IFWP

RAW SEQUENCE LISTING   DATE: 08/21/2006
PATENT APPLICATION: US/10/551,833   TIME: 14:53:17

         Input Set : A:\21108.0028P1.SEQ.TXT
         Output Set: N:\CRF4\08212006\J551833.raw

```
 4 <110> APPLICANT: Giger, Roman J.
 7 <120> TITLE OF INVENTION: IDENTIFICATION OF NOVEL NOGO-RECEPTORS
 8        AND METHODS RELATED THERETO
11 <130> FILE REFERENCE: 21108.0028U2
13 <140> CURRENT APPLICATION NUMBER: 10/551,833
14 <141> CURRENT FILING DATE: 2005-10-03
16 <150> PRIOR APPLICATION NUMBER: PCT/US04/010328
17 <151> PRIOR FILING DATE: 2004-04-02
19 <150> PRIOR APPLICATION NUMBER: 60/460,849
20 <151> PRIOR FILING DATE: 2003-04-04
22 <160> NUMBER OF SEQ ID NOS: 29
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 473
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
33        Synthetic Construct
35 <400> SEQUENCE: 1
36 Met Lys Arg Ala Ser Ser Gly Gly Ser Arg Leu Leu Ala Trp Val Leu
37 1               5                  10                  15
38 Trp Leu Gln Ala Trp Arg Val Ala Thr Pro Cys Pro Gly Ala Cys Val
39             20                  25                  30
40 Cys Tyr Asn Glu Pro Lys Val Thr Thr Ser Cys Pro Gln Gln Gly Leu
41         35                  40                  45
42 Gln Ala Val Pro Thr Gly Ile Pro Ala Ser Ser Gln Arg Ile Phe Leu
43     50                  55                  60
44 His Gly Asn Arg Ile Ser Tyr Val Pro Ala Ala Ser Phe Gln Ser Cys
45 65                  70                  75                  80
46 Arg Asn Leu Thr Ile Leu Trp Leu His Ser Asn Ala Leu Ala Gly Ile
47                 85                  90                  95
48 Asp Ala Ala Ala Phe Thr Gly Leu Thr Leu Leu Glu Gln Leu Asp Leu
49             100                 105                 110
50 Ser Asp Asn Ala Gln Leu Arg Val Val Asp Pro Thr Thr Phe Arg Gly
51         115                 120                 125
52 Leu Gly His Leu His Thr Leu His Leu Asp Arg Cys Gly Leu Gln Glu
53     130                 135                 140
54 Leu Gly Pro Gly Leu Phe Arg Gly Leu Ala Ala Leu Gln Tyr Leu Tyr
55 145                 150                 155                 160
56 Leu Gln Asp Asn Asn Leu Gln Ala Leu Pro Asp Asn Thr Phe Arg Asp
57                 165                 170                 175
58 Leu Gly Asn Leu Thr His Leu Phe Leu His Gly Asn Arg Ile Pro Ser
```

```
59              180                185                190
60 Val Pro Glu His Ala Phe Arg Gly Leu His Ser Leu Asp Arg Leu Leu
61          195                200                205
62 Leu His Gln Asn His Val Ala Arg Val His Pro His Ala Phe Arg Asp
63          210                215                220
64 Leu Gly Arg Leu Met Thr Leu Tyr Leu Phe Ala Asn Asn Leu Ser Met
65 225             230                235                240
66 Leu Pro Ala Glu Val Leu Val Pro Leu Arg Ser Leu Gln Tyr Leu Arg
67              245                250                255
68 Leu Asn Asp Asn Pro Trp Val Cys Asp Cys Arg Ala Arg Pro Leu Trp
69          260                265                270
70 Ala Trp Leu Gln Lys Phe Arg Gly Ser Ser Ser Glu Val Pro Cys Asn
71          275                280                285
72 Leu Pro Gln Arg Leu Ala Gly Arg Asp Leu Lys Arg Leu Ala Ala Ser
73          290                295                300
74 Asp Leu Glu Gly Cys Ala Val Ala Ser Gly Pro Phe Arg Pro Phe Gln
75 305             310                315                320
76 Thr Asn Gln Leu Thr Asp Glu Glu Leu Leu Gly Leu Pro Lys Cys Cys
77              325                330                335
78 Gln Pro Asp Ala Ala Asp Lys Ala Ser Val Leu Glu Pro Gly Arg Pro
79          340                345                350
80 Ala Ser Ala Gly Asn Ala Leu Lys Gly Arg Val Pro Pro Gly Asp Thr
81          355                360                365
82 Pro Pro Gly Asn Gly Ser Gly Pro Arg His Ile Asn Asp Ser Pro Phe
83          370                375                380
84 Gly Thr Leu Pro Gly Ser Ala Glu Pro Pro Leu Thr Ala Leu Arg Pro
85 385             390                395                400
86 Gly Gly Ser Glu Pro Pro Gly Leu Pro Thr Thr Gly Pro Arg Arg Arg
87              405                410                415
88 Pro Gly Cys Ser Arg Lys Asn Arg Thr Arg Ser His Cys Arg Leu Gly
89          420                425                430
90 Gln Ala Gly Ser Gly Ser Ser Gly Thr Gly Asp Ala Glu Gly Ser Gly
91          435                440                445
92 Ala Leu Pro Ala Leu Ala Cys Ser Leu Ala Pro Leu Gly Leu Ala Leu
93     450                455                460
94 Val Leu Trp Thr Val Leu Gly Pro Cys
95 465                470
97 <210> SEQ ID NO: 2
98 <211> LENGTH: 286
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
104       Synthetic Construct
106 <400> SEQUENCE: 2
107 Pro Val Thr Pro Ser Cys Pro Met Leu Cys Thr Cys Tyr Ser Ser Pro
108 1               5                10                15
109 Pro Thr Val Ser Cys Gln Ala Asn Asn Phe Ser Ser Val Pro Leu Ser
110          20                25                30
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RAW SEQUENCE LISTING   DATE: 08/21/2006
PATENT APPLICATION: US/10/551,833   TIME: 14:53:17

Input Set : A:\21108.0028P1.SEQ.TXT
Output Set: N:\CRF4\08212006\J551833.raw

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111 Leu Pro Pro Ser Thr Gln Arg Leu Phe Leu Gln Asn Asn Leu Ile Arg
112         35                  40                  45
113 Ser Leu Arg Pro Gly Thr Phe Gly Pro Asn Leu Leu Thr Leu Trp Leu
114         50                  55                  60
115 Phe Ser Asn Asn Leu Ser Thr Ile Tyr Pro Gly Thr Phe Arg His Leu
116 65                  70                  75                  80
117 Gln Ala Leu Glu Glu Leu Asp Leu Gly Asp Asn Arg His Leu Arg Ser
118                     85                  90                  95
119 Leu Glu Pro Asp Thr Phe Gln Gly Leu Glu Arg Leu Gln Ser Leu His
120                 100                 105                 110
121 Leu Tyr Arg Cys Gln Leu Ser Ser Leu Pro Gly Asn Ile Phe Arg Gly
122         115                 120                 125
123 Leu Val Ser Leu Gln Tyr Leu Tyr Leu Gln Glu Asn Ser Leu Leu His
124         130                 135                 140
125 Leu Gln Asp Asp Leu Phe Ala Asp Leu Ala Asn Leu Ser His Leu Phe
126 145                 150                 155                 160
127 Leu His Gly Asn Arg Leu Arg Leu Leu Thr Glu His Val Phe Arg Gly
128         165                 170                 175
129 Leu Gly Ser Leu Asp Arg Leu Leu Leu His Gly Asn Arg Leu Gln Gly
130         180                 185                 190
131 Val His Arg Ala Ala Phe His Gly Leu Ser Arg Leu Thr Ile Leu Tyr
132         195                 200                 205
133 Leu Phe Asn Asn Ser Leu Ala Ser Leu Pro Gly Glu Ala Leu Ala Asp
134         210                 215                 220
135 Leu Pro Ala Leu Glu Phe Leu Arg Leu Asn Ala Asn Pro Trp Ala Cys
136 225                 230                 235                 240
137 Asp Cys Arg Ala Arg Pro Leu Trp Ala Trp Phe Gln Arg Ala Arg Val
138         245                 250                 255
139 Ser Ser Ser Asp Val Thr Cys Ala Thr Pro Pro Glu Arg Gln Gly Arg
140         260                 265                 270
141 Asp Leu Arg Thr Leu Arg Asp Thr Asp Phe Gln Ala Cys Pro
142         275                 280                 285
144 <210> SEQ ID NO: 3
145 <211> LENGTH: 420
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
151       Synthetic Construct
153 <400> SEQUENCE: 3
154 Met Leu Pro Gly Leu Arg Arg Leu Leu Gln Gly Pro Ala Ser Ala Cys
155 1               5                   10                  15
156 Leu Leu Leu Thr Leu Leu Ala Leu Pro Pro Val Thr Pro Ser Cys Pro
157         20                  25                  30
158 Met Leu Cys Thr Cys Tyr Ser Ser Pro Pro Thr Val Ser Cys Gln Ala
159         35                  40                  45
160 Asn Asn Phe Ser Ser Val Pro Leu Ser Leu Pro Pro Ser Thr Gln Arg
161 50                  55                  60
162 Leu Phe Leu Gln Asn Asn Leu Ile Arg Ser Leu Arg Pro Gly Thr Phe
```

```
163 65                    70                  75                  80
164 Gly Pro Asn Leu Leu Thr Leu Trp Leu Phe Ser Asn Asn Leu Ser Thr
165              85                  90                  95
166 Ile Tyr Pro Gly Thr Phe Arg His Leu Gln Ala Leu Glu Glu Leu Asp
167              100                 105                 110
168 Leu Gly Asp Asn Arg His Leu Arg Ser Leu Glu Pro Asp Thr Phe Gln
169         115                 120                 125
170 Gly Leu Glu Arg Leu Gln Ser Leu His Leu Tyr Arg Cys Gln Leu Ser
171      130                 135                 140
172 Ser Leu Pro Gly Asn Ile Phe Arg Gly Leu Val Ser Leu Gln Tyr Leu
173 145                 150                 155                 160
174 Tyr Leu Gln Glu Asn Ser Leu Leu His Leu Gln Asp Asp Leu Phe Ala
175              165                 170                 175
176 Asp Leu Ala Asn Leu Ser His Leu Phe Leu His Gly Asn Arg Leu Arg
177              180                 185                 190
178 Leu Leu Thr Glu His Val Phe Arg Gly Leu Gly Ser Leu Asp Arg Leu
179         195                 200                 205
180 Leu Leu His Gly Asn Arg Leu Gln Gly Val His Arg Ala Ala Phe His
181      210                 215                 220
182 Gly Leu Ser Arg Leu Thr Ile Leu Tyr Leu Phe Asn Asn Ser Leu Ala
183 225                 230                 235                 240
184 Ser Leu Pro Gly Glu Ala Leu Ala Asp Leu Pro Ala Leu Glu Phe Leu
185              245                 250                 255
186 Arg Leu Asn Ala Asn Pro Trp Ala Cys Asp Cys Arg Ala Arg Pro Leu
187              260                 265                 270
188 Trp Ala Trp Phe Gln Arg Ala Arg Val Ser Ser Ser Asp Val Thr Cys
189         275                 280                 285
190 Ala Thr Pro Pro Glu Arg Gln Gly Arg Asp Leu Arg Thr Leu Arg Asp
191      290                 295                 300
192 Thr Asp Phe Gln Ala Cys Pro Pro Thr Pro Thr Arg Pro Gly Ser
193 305                 310                 315                 320
194 Arg Ala Arg Gly Asn Ser Ser Ser Asn His Leu Tyr Gly Val Ala Glu
195                  325                 330                 335
196 Ala Gly Ala Pro Pro Ala Asp Pro Ser Thr Leu Tyr Arg Asp Leu Pro
197              340                 345                 350
198 Ala Glu Asp Ser Arg Gly Arg Gln Gly Gly Asp Ala Pro Thr Glu Asp
199         355                 360                 365
200 Asp Tyr Trp Gly Gly Tyr Gly Gly Glu Asp Gln Arg Gly Glu Gln Thr
201      370                 375                 380
202 Cys Pro Gly Ala Ala Cys Gln Ala Pro Ala Asp Ser Arg Gly Pro Val
203 385                 390                 395                 400
204 Leu Ser Ala Gly Leu Arg Thr Pro Leu Leu Cys Leu Leu Leu Leu Ala
205              405                 410                 415
206 Pro His His Leu
207              420
209 <210> SEQ ID NO: 4
210 <211> LENGTH: 175
211 <212> TYPE: PRT
212 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING   DATE: 08/21/2006
PATENT APPLICATION: US/10/551,833   TIME: 14:53:17

Input Set : A:\21108.0028P1.SEQ.TXT
Output Set: N:\CRF4\08212006\J551833.raw

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214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
216      Synthetic Construct
218 <400> SEQUENCE: 4
219 Asn Gly Asn Ala Trp Asp Cys Gly Cys Arg Ala Arg Ser Leu Trp Glu
220 1               5                   10                  15
221 Trp Leu Arg Arg Phe Arg Gly Ser Ser Ser Val Val Pro Cys Ala Thr
222          20                  25              30
223 Pro Glu Leu Arg Gln Gly Gln Asp Leu Lys Ser Leu Arg Val Glu Asp
224          35                  40                  45
225 Phe Arg Asn Cys Thr Gly Pro Ala Ser Pro His Gln Ile Lys Ser His
226     50                  55                  60
227 Thr Leu Ser Thr Ser Asp Arg Ala Ala Arg Lys Glu His His Pro Ser
228 65                  70                  75                  80
229 His Gly Ala Ser Arg Asp Lys Gly His Pro His Gly His Leu Pro Gly
230              85                  90                  95
231 Ser Arg Ser Gly Ser Lys Lys Pro Gly Lys Asn Cys Thr Ser His Arg
232              100                 105                 110
233 Asn Arg Asn Gln Ile Ser Lys Gly Ser Ala Gly Lys Glu Leu Pro Glu
234          115                 120                 125
235 Leu Gln Asp Tyr Ala Pro Asp Tyr Gln His Lys Phe Ser Phe Asp Ile
236     130                 135                 140
237 Met Pro Thr Ala Arg Pro Lys Arg Lys Gly Lys Cys Ala Arg Arg Thr
238 145                 150                 155                 160
239 Pro Ile Arg Ala Pro Ser Gly Val Gln Gln Ala Ser Ser Gly Thr
240              165                 170                 175
242 <210> SEQ ID NO: 5
243 <211> LENGTH: 445
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
249      Synthetic Construct
251 <400> SEQUENCE: 5
252 Met Leu Arg Lys Gly Cys Cys Val Glu Leu Leu Leu Leu Leu Leu Ala
253 1               5                   10                  15
254 Gly Glu Leu Pro Leu Ser Gly Gly Cys Pro Arg Asp Cys Val Cys Tyr
255              20                  25                  30
256 Pro Ser Pro Met Thr Val Ser Cys Gln Ala His Asn Phe Ala Ala Ile
257          35                  40                  45
258 Pro Glu Gly Ile Pro Glu Asp Ser Glu Arg Ile Phe Leu Gln Asn Asn
259     50                  55                  60
260 His Ile Thr Phe Leu Gln Gln Gly His Phe Ser Pro Ala Met Val Thr
261 65                  70                  75                  80
262 Leu Trp Ile Tyr Ser Asn Asn Ile Thr Phe Ile Ala Pro Asn Thr Phe
263              85                  90                  95
264 Glu Gly Phe Val His Leu Glu Glu Leu Asp Leu Gly Asp Asn Arg Gln
265          100                 105                 110
266 Leu Arg Thr Leu Ala Pro Glu Thr Phe Gln Gly Leu Val Lys Leu His
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/21/2006
PATENT APPLICATION: US/10/551,833   TIME: 14:53:18

Input Set : **A:\21108.0028P1.SEQ.TXT**
Output Set: **N:\CRF4\08212006\J551833.raw**

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; N Pos. 268

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/551,833**

DATE: 08/21/2006
TIME: 14:53:18

Input Set : **A:\21108.0028P1.SEQ.TXT**
Output Set: **N:\CRF4\08212006\J551833.raw**

L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:240